By ⟨acronymref|definition|MM⟩,

Por ⟨acronymref|definition|MM⟩,

$$\mathrm{AB} = \left[\begin{pmatrix} 2 & 5 \\ -1 & 3 \\ 2 & -2 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \end{pmatrix} \middle| \begin{pmatrix} 2 & 5 \\ -1 & 3 \\ 2 & -2 \end{pmatrix} \begin{pmatrix} 5 \\ 0 \end{pmatrix} \middle| \begin{pmatrix} 2 & 5 \\ -1 & 3 \\ 2 & -2 \end{pmatrix} \begin{pmatrix} -3 \\ 2 \end{pmatrix} \middle| \begin{pmatrix} 2 & 5 \\ -1 & 3 \\ 2 & -2 \end{pmatrix} \begin{pmatrix} 4 \\ -2 \end{pmatrix} \right]$$

Repeated applications of (Definition MVP [189]) give

Repita las aplicacioes de (Definition MVP [189]) dadas

$$= \left[1 \begin{pmatrix} 2 \\ -1 \\ 2 \end{pmatrix} + 2 \begin{pmatrix} 5 \\ 3 \\ -2 \end{pmatrix} \middle| 5 \begin{pmatrix} 2 \\ -1 \\ 2 \end{pmatrix} + 0 \begin{pmatrix} 5 \\ 3 \\ -2 \end{pmatrix} \middle| -3 \begin{pmatrix} 2 \\ -1 \\ 2 \end{pmatrix} + 2 \begin{pmatrix} 5 \\ 3 \\ -2 \end{pmatrix} \middle| 4 \begin{pmatrix} 2 \\ -1 \\ 2 \end{pmatrix} + (-3) \begin{pmatrix} 5 \\ 3 \\ -2 \end{pmatrix} \right]$$

$$= \begin{pmatrix} 12 & 10 & 4 & -7 \\ 5 & -5 & 9 & -13 \\ -2 & 10 & -10 & 14 \end{pmatrix}$$

Contributed by Robert Beezer

Contribuido por Robert Beezer

Traducido por Andrea Vivas